

## ECS/EMD Configuration Change Request

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1. Originator Maryellen Corbett	2. Log Date: <b>03/25/2005</b>	3. CCR #: <b>05-0139</b>	4. Rev:	5. Tel: 301 925-0703	6. Rm #: 1157	7. Org. COTS SW
8. CCR Title: Change to the Variant Field of the HW/SW Map document (910-TDA-003)						
9. Originator Signature/Date <b>Maryellen Corbett /s/ 3/21/2005</b>			10. Class <b>II</b>	11. Type: <b>CCR</b>	12. Need Date: 5/01/2005	
13. CCR Sponsor Signature/Date <b>Debra Stepp /s/ 3/23/2005</b>			14. Category of Change: <b>Update ECS/EMD Baseline Doc</b>		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 910-TDA-003			17. Schedule Impact:		18. Cl(s) Affected:	
19. Release Affected by this Change: 7.0 +		20. Date due to Customer:		21. Estimated Cost: <b>None - Under 100K</b>		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The Variant field on the current CM Baseline document (COTS Hardware/Software Version Map - 910-TDA-003) has 3 possible entries, (Sun, SGI and PC) which identify the hardware platform of the entry. With the recent addition of the Linux operating system to the baseline, identification of the HW platform as the variant has been identified as insufficient to accurately describing the software mapping, i.e. specifying PC (the actual hardware platform) does not identify if this is a Windows or Linux variant of the software.						
24. Proposed Solution: (use additional sheets if necessary) Topic has been discussed with CM and in the CUT meeting and agreement has been reached that the HW platform specification of the variant field should be changed to an operating system-based designation, i.e., Sun will become Solaris, SGI will become IRIX, PC will become Windows 2000 or Linux as appropriate. This change will also accommodate future implementations where the hardware platform does not necessarily dictate a single operating system. The operating system identification will enable better software baseline management and will not negatively impact hardware baseline management.						
25. Alternate Solution: (use additional sheets if necessary) Retain less informative baseline identifications.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Change to the baseline document has been identified as a minimal effort. However, a review of audit scripts is necessary to assure that the variant field change does not adversely impact the auditing scripts. Actual implementation of this action will be done only as other priorities allow.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): <b>Byron V. Peters /s/ 3/31/2005</b>			Disposition: <b>Approved</b> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			